

(PCT Article 36 and Rule 70)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/DE2004/002631

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages _____ as originally filed/furnished
- pages* 1-15 received by this Authority on 21.07.2005 with letter of 20.07.2005
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. 13, 14 as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-12 received by this Authority on 21.07.2005 with letter of 20.07.2005
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets 1/6-6/6 as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1. Statement			
Novelty (N)	Claims	<u>1-12</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-12</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-12</u>	YES
	Claims		NO
2. Citations and explanations (Rule 70.7)			
<p>1. This report makes reference to the following documents:</p> <p>D1: EP 0 807 501 A</p> <p>D4: GB 1 001 768 A</p>			
<p>2. Document D1 discloses (the references in parentheses are to that document) a curved concrete framework (see title) having</p> <p>i. a framework element with a first brace and a second brace (cf. figure 1 and column 1, lines 55-57), the braces having</p> <p>ii. - a first brace end region at a first brace end (cf. figure 1) arranged in the longitudinal direction of the brace, the brace having a slot 21 and a round hole (3), and</p> <p>- a brace tie for fixing the brace to the formwork element (implicit in column 1, lines 55-57),</p> <p>iv. the slot (21) and the round hole (3) being located next to each other in the first brace end region (cf. figure 1 and column 3, lines 22-30).</p>			
<p>2.1 The subject matter of claim 1 therefore differs</p>			

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	<p>from the known curved concrete formwork in that</p> <p>v. the brace is secured to the curved concrete formwork in such a way that an end of the first brace overlaps at least partially with an end of the second brace,</p> <p>vi. the slot at the end of the first brace overlaps with the round hole at the end of the second brace in such a way that a first bolt passage is formed, and the slot at the end of the second brace overlaps with the round hole at the end of the first brace in such a way that a second bolt passage is formed.</p> <p>The subject matter of claim 1 is thus novel (PCT Article 33(2)).</p> <p>2.2 The present invention can therefore be considered to address the problem of providing a rigid curved formwork which is easier to assemble.</p> <p>2.3 D4 (cf. figure 2) describes a curved concrete formwork with a formwork element and braces, the braces being secured in such a way that an end of a first brace partially overlaps with an end of a second brace (cf. feature v).</p> <p>However, feature vi is neither known from nor suggested by the available prior art. The braces are joined together by feature vi in such a way that they can withstand a bending moment, yet can still be folded against one another and nested</p>

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	<p>within each other.</p> <p>2.4 The solution to this problem, as proposed in claim 1 of the present application, therefore involves an inventive step (PCT Article 33(3)). Claims 2-12 are dependent on claim 1 and thus also meet the PCT novelty and inventive step requirements.</p>